

END OF USE AND TIME DURATION INDICATOR
SYSTEM AND METHOD BASED ON VOLATILE DYE

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ABSTRACT OF THE DISCLOSURE

10 A time duration of end of product life indicator is disclosed which utilizes a
volatile dye coated or impregnated into a substrate or carrier. The dye evaporates as a
volatile component of the product evaporates thereby changing the color of the
substrate or carrier. The consumer is alerted to the depletion of the volatile
component of the product when the substrate or carrier changes from a colored or
dyed state to an uncolored state. As a result, a visual time duration or end of product
life indicator is provided.